

## Surface Coating and Accessory Solvents

1. Make a separate copy for each coating booth or area. Include the following for each separate copy:  
Check what is applicable:
  - A. ☐ Is the coating "as supplied" - out of the can?
  - B. ☐ Is the coating "polymeric"?
  - C. ☐ Is the coating "thinned" or "diluted"?
    - a. ☐ What is the thinner?
    - b. ☐ Provide the ratio.
    - c. ☐ Assume 100% flash off of VOC.
  - D. ☐ Is the coating "multi part"?
    - a. ☐ What are the parts?
    - b. ☐ Provide the ratio.
    - c. ☐ Indicate the flash off. If the flash-off is unknown, we will assume 100%.
2. It is important to indicate what product you are coating such as car doors, screens, lamps etc. Also, include whether the product's material is metal, plastic, fiberglass, etc. (Refer to 326 IAC Article 8 Volatile Organic Compound)
3. **Column 1:**  
Write in proprietary name of each coating cleaning solvent used in the device or area.
4. **Column 2:**  
Please provide the process or booth I.D. number(s). This should be consistent with the layout's I.D. numbers.
5. **Column 3:**  
Write in the "as applied" density -  $(D_c)_a$  from the "as applied" VOC Data Sheet for each coating and cleaning solvent used.
6. **Column 4:**  
Write in the weight percent of organic volatiles and water - the sum of  $(W_w)_a$  plus  $(W_o)_a$  from the "as applied" VOC Data Sheet for each coating and cleaning solvent used.
7. **Column 5:**  
Write in the weight percent of water - from the "as applied" VOC Data Sheet for each coating and cleaning solvent used.  $(W_w)_a$
8. **Column 6:**  
Write in the volume percent of water -  $(V_w)_a$  from the "as applied" VOC Data Sheet for each coating and cleaning solvent used.
9. **Column 7:**  
Write in the volume percentage solids -  $(V_n)_a$  from the "as applied" VOC Data Sheet for each coating and cleaning solvent used.
10. **Column 8:**  
Write in the number of guns that are used when coating.
11. **Column 9:**  
Write in the nozzle size of the guns.
12. **Column 10:**  
In order to determine what rule(s) apply you must describe the product such as doors, screens, pipes, etc. and the material such as wood, plastic, metal, etc. you are coating.

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1. If more than four (4) booths, areas, or processes are being reported, make additional copies of Form W-2 as needed.
2. Identify booth, area, or process.
3. **Application Method:**  
Write in either dipping, spraying, flow coating, roll coating, brushing, wiping, or other description of coating application process.
4. **If sprayed, specify type:**  
If "spraying" (the response in the above row) write in either air atomization, airless, electrostatic disc, electrostatic airless, electrostatic air atomized, low pressure air atomization, low pressure high volume, airless air assist, or other as applicable. If "spraying" was not the response in the row above, write in "NA".
5. **Type of Over spray Controls:**  
Write in the type of particulate matter control device used. Common types are baffle plates, dry filters, and water curtains.
6. **Control Efficiency:**  
Write in the efficiency in controlling particulate emission claimed by the equipment manufacturer. Maximum expected particulate control efficiencies run in the range of 50% to 98% as a general rule. Please note that all these type of control devices do not control emission of volatile organic compounds.
7. **Type of Hydrocarbon Controls:**  
Write in the type of device or system used to control emission of volatile organic compounds. Common control technologies are carbon adsorbers, thermal incineration, and catalytic incineration.
8. **Control Efficiency below Type of Hydrocarbon Controls:**  
Write in the overall efficiency in controlling emissions of volatile organic compounds claimed by the equipment manufacturer. Common values for destruction efficiencies for adsorption and incineration systems are 50% to 90%. As overall control efficiency is the product of capture efficiency times destruction efficiency, for any claims of control efficiency in excess of 75%, please include descriptions of capture systems, including prints of drawings.

The following are self explanatory and absolutely necessary.

9. Stack Height:
10. Stack Diameter:
11. Exhaust Flow Rate:
12. Exhaust Discharge Temperature:

**Note:**

Do not supply information for previously permitted equipment unless the previously permitted equipment is being used with the equipment being permitted - i.e. using a previously permitted thermal incinerator to control emissions from a new press.

- MSDS should contain the
1. Product Identification section
  2. Hazardous Ingredients section
  3. Physical Characteristics section